

**AMENDMENTS TO THE CLAIMS:**

1. (Presently Amended) A high temperature gas seal, wherein the seal is unsintered and has a porosity less ~~then~~ **than** 50% and which is substantially free of binder; said seal formed from firing an unfired state comprising ceramic fibres, ceramic powder and a binder and having a porosity which increases upon firing.
  2. (Original) The seal of claim 1 for use in a high temperature fuel cell.
- 
3. (Original) The seal of claim 2 wherein the ceramic fibres and ceramic powder may be the same material or different and may comprise alumina or zirconia.
  4. (Original) The seal of claim 3 wherein the seal has a pre-fitted porosity of less than about 45%
  5. (Original) The seal of claim 4 wherein the seal has a pre-fitted porosity of less than about 40%.
  6. (Original) The seal of claim 5 wherein the seal has a pre-fitted porosity of less than about 35%.
  7. (Original) The seal of claim 1 to 6, which is formed by a tape casting process.
  8. (Original) The seal of claim 7 which has a fired porosity of less than about 50%.
  9. (Original) The seal of claim 8 which has a fired porosity of less than about 45%.
  10. (Original) The seal of claim 9 which has a fired porosity of less than about 40%.